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SEP 05 2002

TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING   DATE: 08/29/2002
PATENT APPLICATION: US/09/636,185   TIME: 13:46:41

Input Set : A:\GER-100XC1.ST25.txt
Output Set: N:\CRF3\08292002\I636185.raw   ENTERED

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   3 <110> APPLICANT: Gerber, John F
   4         White, James H
   6 <120> TITLE OF INVENTION: Materials and Methods For The Efficient Production Of
Pasteuria
   8 <130> FILE REFERENCE: GER-100XC1
  10 <140> CURRENT APPLICATION NUMBER: US 09/636,185
  11 <141> CURRENT FILING DATE: 2000-08-10
  13 <150> PRIOR APPLICATION NUMBER: US 60/148,154
  14 <151> PRIOR FILING DATE: 1999-08-10
  16 <160> NUMBER OF SEQ ID NOS: 1
  18 <170> SOFTWARE: PatentIn version 3.1
  20 <210> SEQ ID NO: 1
  21 <211> LENGTH: 1455
  22 <212> TYPE: DNA
  23 <213> ORGANISM: Unknown
  25 <220> FEATURE:
  26 <223> OTHER INFORMATION: Helper Factor DNA is not Pasteuria but has 98% homology with
  27         Enterobacter cloacae and Pantoea ssp. and others.
  29 <220> FEATURE:
  30 <221> NAME/KEY: misc_feature
  31 <222> LOCATION: (99)..(99)
  32 <223> OTHER INFORMATION: n = a, c, g, or t.
  35 <220> FEATURE:
  36 <221> NAME/KEY: misc_feature
  37 <222> LOCATION: (102)..(102)
  38 <223> OTHER INFORMATION: n = a, c, g, or t.
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W--> 44 gcggcggacg ggtgagtaat gtctgggaaa ctacctgang gntggggatc actactggaa     120
  46 acagttgcta ataccgcata acgtctcaag accaaagagg gggaccttcg ggcctcttgc     180
  48 catcagatgt gcccagatgg gattagctag taggtggggt aacggctcac ctaggcgacg     240
  50 atccctagct ggtctgagag gatgaccagc cacactggaa ctgagacacg gtccagactc     300
  52 ctacggagg cagcagtggg gaatattgca caatgggcgc aagcctgatg cagccatgcc     360
  54 gcgtgtatga agaaggcctt cgggttgtaa agtactttca gcggggagga aggcgttgag     420
  56 gttaataacc tcagcgattg acgttacccg cagaagaagc accggctaac tccgtgccag     480
  58 cagccgcggt aatacggagg gtgcaagcgt taatcggaat tactgggcgt aaagcgcacg     540
  60 caggcggtct gtcaagtcgg atgtgaaatc cccgggctca acctgggaac tgcattcgaa     600
  62 actgtcaggc tagagtcttg tagagggggg tagaattcca ggtgtagcgg tgaaatgcgt     660
  64 agagatctgg aggaataccg gtggcgaagg cggccccctg gacaaagact gacgctcagg     720
  66 tgcgaaagcg tggggagcaa acaggattag ataccctggt agtccacgcc gtaaacgatg     780
  68 tcgacttgga ggttgtgccc ttgaggcgtg gcttccggag ctaacgcgtt aagtcgaccg     840
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  72 gtggagcatg tggtttaatt cgatgcaacg cgaagaacct tacctactct tgacatccag     960
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76 tcgtcagctc gtgttgtgaa atgttgggtt aagtcccgca acgagcgcaa cccttatcct   1080
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82 gcgcatacaa agagaagcga cctcgcgaga gcaagcggac ctcataaagt gcgtcgtagt   1260
84 ccggattgga gtctgcaact cgactccatg aagtcggaat cgctagtaat cgtagatcag   1320
86 aatgctacgg tgaatacgtt cccgggcctt gtacacaccg cccgtaaggg cgaattctgc   1380
88 agatatccat cacactggcg gccgctcgag cagcatctag agggcccaat tcgccctata   1440
90 gtgagtcgta ttaca                                                     1455
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/29/2002
PATENT APPLICATION: US/09/636,185   TIME: 13:46:42

Input Set : A:\GER-100XC1.ST25.txt
Output Set: N:\CRF3\08292002\I636185.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 99,102

VERIFICATION SUMMARY　　　　　　DATE: 08/29/2002
PATENT APPLICATION:　**US/09/636,185**　　TIME: 13:46:42

Input Set : **A:\GER-100XC1.ST25.txt**
Output Set: **N:\CRF3\08292002\I636185.raw**

L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:60